AVIATION JOHNS JUNE 25, 1944



Helicopter Evolution in 18 Months: The three Sikorsky helicopters in production or soon to go use too production are shown here in a demonstration fight. Top helicopter is the R4-18, now in production. It will be followed shortly by the XR-6, middle, and the XR-5, at bottom. (Other helicopter photos on Page 15.)

Report Soviet Agreement on U. S. Air Policy

Invasion Spurs Congress on Plant Reconversion

WPB prepares order authorizing any manufacturer to acquire materials to make and test single models of projected post-war product.....Page 9

B-29 Tests and Output as Sensational as Plane Itself

U. S. Urged to Curb Air Transport Over-Expansion National City Bank of Cleveland sees danger in

Strategic Air Operations Assume Global Pattern



Micaria PAGA"-a new develop tere-pow offers a new, practical and economical manes for forming structural shapes mietebe caped flat abouts . . . soth irange ment, and dies of non-prirical materials. Shapes those shown can be produced easily and guirking

Originally developed for aircraft needs. Micarto "444" is being used for trim tab fazing, fundage characteristic Micerta properties of streagth with new Micarta Data Book B-3181-A. Westinghouse Shorter & Mile Co. East Directorch Do





sharks are health understy on both sides his othered horses over or pended her player or







THE AVIATION NEWS

Washington Observer

B-20 CREDIT-Press releases rive areals inparticipated in the program which led to the beetling of the Japanese hameland by Beeng's few of these responsible for the single-se. There Allen should lend the rest. This is not recent to and the militure working together our do. There

reget of adaptate are strong on the contract. The

GIRDLER'S PLANS-Ton Greiler, charries of the hoard of Republic Steel and head of Consolidated Vulter has confirmed the Observer's recent farecast that he will leave the aviation field in the indeterminate future. In a speech in first and will shartly be his only business intoon at I are no longer making a material conreflection through this industry (acistics) to the war effort. When that day russes, and I hope it will come very soon, my time will be devoted

RESEARCH--Probably the most vital storie

CHURCHILL'S FORECAST-The possibility that this summer may see victory in Europe which was blated recently by the British Prime

AVIATION NEWS . June 26, 1844

Mighter, resulted in some scrift way faces on sireraft production men. At a time when it is more necessary than ever to keep war production up to schedule, and when war workers are beginning to eye peace-time lobe agraray, a

JOINT CHIEFS OF STAFF-If Congress comtuned to precised forces. Heretofore the State



Department his Juan in a position of threatenwhen its blaff is called. The greater votce for the nelstary may make our foreign policy

AR POLICY REAPPRASAL-A united yeart of interest in the Airlines Committee for U. S. Air Policy armen its sirfuse members has followed approprient of a testative puttern of world air routes by Civil Arenautics Board. Chances are that the concrittee will recognise its non declination of policy on international oir speration about July II. a year from the

that will NOT

turn to Gold! A reacer builter a broken can line

and searing flame leans back toward the cockest. But there it stops . . . held at hav and confined by the fire-wall while precious minutes are won. Minutes that often mean a safe landing and another pilot saved ... will not turn to gold. The saving of a smalle American pillos far more than lumbles the extra care and procision

Guiberson frewall and every other Garbierson built aircraft part.





AVIATION NEWS June 25, 1944 CONTENTS

THE STAFF

Deblevane and Francisco Offices

Washington Observer

is known to fixur such a reapproisal and determination of how the consuiter's pragram of regulated compension will be followed through the next year. There have been reports that deveting almost all his time to furthering the the chalesonship, but he was being urged last week to retain it through snother year.

Wendram Post-War Military Policy Committee ness will turn to definite studies of past-war military weeks. Next subject will be recourstion will be taken up, and then the studies of bases and their relation to wroteble post-was

PRODUCTION AND THE INVASION -- The

OPEN SECRET-Official durings that the base special gassian sirplear, complete with elevator, for use of high officials in connection along and what has been repeatedly desired in afficial sircles. The people at Boughs who conflore new dweet' statement is difficult to we-



PRODUCTION TEMPO-High officials been are confident that the largitude issues of material and engagement in Western Durope are a production from which keep up with the was. We have no shortages of similares and if place touduction does have to be stepped up. readuction officials in Washington feel that the



Committee Formed for Post-War Research for Armed Forces

Charles F. Wilson to head enoug composed of four properties. four admirals and four top-ranking civilian scientists. By WILLIAM G. KEY

The first in a series of steps de- Mery projects now being carried forces has been taken in Washing- > Redar Example - Mr. Ward nuttee headed by Charles E Wil- miller that Badar probably origisan, vice-chairman of the War

The new committee cotto nesed of Wilson four sensyals. ones for the Woodrum Posts-War

Certina Ward Jr., versions of Prereducte After War-With the

all contracts of the Office of Scien-

clementary projects and healths project, the Clem L Marin Co. John C Lee, exting director, Aero-

b Problems... Probably the shoot

1925. The British developed it, thorsty based on the TVA legista-The committee, set up by the Sec-





Ever see a De-Icer in action?

need perceases of a commercial the protection offered for plane and

smoot recommit usings. Delays.

Godek Coopey, Acress 1982

B.F.Goodrich FIRST IN RUBBE

AVIATION NEWS . June 26, 1944

specioristicas. Whether in appeal

of CISRIX, sithough he is not servnotegy and charf of the field fivelate. Bearing the Navy green in

none Division of the War Departs Lockheed Plans 4

Constellation Types DC-4 required by sicknes for

for post-war designs and that of six and from \$300 to 13,990

speed of over 300 mah at 65 perand bersepower and a landing and a leanur-bar, and a re-called \$ Colleag-The airplane's service P.14 Versions of BCata-Cornected

takeed and 15,000 pounds landing

B.20 Secret

china stare 22%. Region pro-

Fast Coast AW/PC

Maps Vet Aid Plan

stready in effect. Approximately 15,000 released service men have

Corn., Bell, Chance Vegabi, Car-First Call on Jobs-The com-

Official AAF Guide

will be sensed through official

Invasion Spurs Congress to Act On Plant Reconversion Program

WPB perform order authorizing any manufacturer to acquire materials and components to make and test single models of projected post-war product.

Constitut and the powersment the government moved brighty to

redect at all times the production

* Reservelt Report - Monroviale.

AVIATION NEWS . June 36, 1948

continental United States Darly

nort the authorouse. Whole Mr. h Recognization Moscou, These are the stems which WPR is now tak-

see also issued a series of state-

components to make and test a WPD remoral or dutnet offices for revoke WPB orders limiting the

WPB Chairman Donald M. Nel- facture of end products from



SUPERFORTRESS STABILIZERS Completed stabilizery for Buesny's 8-28 Superfortions paged to the 25-29 progress. Faster has reached col-





Boeing's Great Superfortress:



of June 15. The carelone is in quantity production





intrative pregnations is WPR to

FEDERAL DIGEST

WPB Eases Rules On AA-1 and S-1 Use Permiss civilian or sufficiery plane repair shops in Aluka so ear pley rating and symbol: sam-

By MARY PAULINE PERRY

Crestian or military average year

Fixed Base Future Experienced accomplished are

They feel that the Cani-

The Post Office for years has

years to come if prosperity

will be part of the WPR Office of

Cancellations - Persons whose

James Work, Jargest stockholder

14 More Airports Ordered Completed Prezident Roosevelt has endowed

than \$5,000,000 is connection with cation to the 37 civities delds lated

NEWS, are Evergreen, Als. Waston, N. J., Pesis Valley, Okia Knoxville, Tenn., Beffala, N. V. Work Heads Brewster

Harding Heads SWPA Aviation Division

plies Corp at the time Axis own-

us temporarily on multipry detail Pettro-An director of the aven-

mittee and W L Claylon SWPA volved The Poetse Subcommittee raduatry representatives, and thus

Before entering government firm. Among these were Eastern Ar Lenes, TWA, Pun American

Interdeseptraculal Curps Plane the Office of Transportation and

Heads CED Post-War

keting research propert of the Hammer Field C.O.

P & W Shuffles 11 In Engineering Sales

FOther Changes-Brensld L. Co.

N. J dealler as matalleton re-Changes in the organization of

son, Jr., transferred from western field enemeering and advanced to irm. the appointment of John ern field engineering, and F. W.

Cal Balob A. Sansely rem-

movement of fire fighters, tractors atticioni directer of the propert in San Francisco

also was amanaged. Barrett was, WEST COAST REPORT

CAA Official Wins Prize for Port Plan

By SCHOLIE BANGS The Lot Appeles Expresser has Septs Meson, superince-dest of CAA, a \$100 war boad, first urase.

similars per \$65 population or close

sirrorts. He said be believed that sham elearance, better stiller des-

b Public Service-Schmidt saw the

then 200 surports, one for every

surport applications a day from California and Neverta represen-

Ready for Congress Expected to be submitted assund

Inde 10 if Les Resolution, calling needs, is passed

ation; for facilities to take care of

Mr Lea's resolution, calling for Jenuings Bundolph's recently inproduced airport hill will be taken. designers and engineers.

New CAA Port Plan

INVASION GLIDER:

First photo of new Hamilton glader which was used in the landings on

Mustane, Kinecobra

Get New Acroprops

Ballard on Coast Balland Arrendt Co. Inc. of New

ntary, Wright Field. He was Col Thurlow was navurator on

world flight in 1998, for which he

up for consideration, but its con-P-W Produces 51% of 1944 Horsepower

Pract & Whitney Division of

Thurlow Killed Col. Thomas L. Thurians, 36, top-

Trippe Gives PAA's World Route Stand Urges "community company"

operation in report to stockmustly company" operation of report to stockholders for 1843 b National Police-Trupe styl the

D Corceanity Company-This operation would take the form of a American transportation interests + Net Off Silehily-Not income.

Change Envelopes The Post Office Department

production is going abroad

Study Training

Members of a committee spposted by William A. M. Burtraining see John R. P. Mwstion Officials, Dr. Thomas O. Brown, Countil of Colleges, and Dr. William A. Lloyd of

b Contract Terminated - Scote

reduction of about 900 employes in ther notice,

taking the wersen plats into the

Dopposition - The House Covil Service Committee, brought into The amount report showed Par-

PAA's Alzalos sentees of its Pacific

Wasp Bill Defeated

Ges. H. H. Arnold and other top

Machinegun Cutback ure-war 1939 and 1946, and \$5,the type used on combat planes has been undered by the Army II

tween 2,000 and 4,000 warkers

Dispera report was written, the Solomon Resigns

Members of the Authors Conmotion for U. S. Aur Pulsey have The Helicopter Is Growing Up

The fence, guilty and small, rough













PRIVATE FLYING

Port Plans Stress Post-War Needs of Private Flying Groups

ACCA's four-year program for building 20,000 small airfields and Rendolph's \$100,000,000 hill for proyear almost con-

By BLAINE STUBBLEFIELD

Emphasis on syricid develop-

the readable strips have contended Controversy - These moves are ly contraversy. Some efficials of Firstward Cost - Arise, the Council's estimated cost of \$6,800 surded as too low In most towns official proposal of CAA, though

allel those suggested by CAA Ad- more than the Council's total cost In reference to the Council's 20.-000-field program, some officials of then would be self-supporting for CAA still do not some with its some time, due to the small nameroadside fight strip provisions, al- ber of outsimers they will have "fighttape," Critis of the high- greatly pleased with the Council's

are translary will have so reason to tion. They are in full arrived with

interstate commerce. The recom-

of ground facilities will have to be



They figure that, storting at

Fire-Reaching Effect - The a long radius might work a



HEAR you're a bero," we said brightly "The hors flowe \$500's." he were on-



heddie in the year nest did more become on



AVIATION NEWS . June 26, 2944

"Age time you see a felle wearing Ale-

Major Al Williams. allow "Turnered Wines Time," Bull.

INSIDE STORY

Tough copean to take a 2000 h a

Refining Company...makers of





Road Dept. May Aid Flight Strip Work

able for this work. While the not

fivefusis from Defense Plant Corn. recourses planes for Civil Air Pa- Agreements describe landing for France-The bill provides that. in addition to funds requested by state highway officials, there may

Extend CPT Act

Alert Operators Find New Business

Southern Airwood Advent have

version is the Southern Acres ve-

concretions WTS operators who

ACCA Clarifies

Port Terminology The Personal Agreeaft Coupoil * Aspert-but been used general-

the experimental CPT program

started to May 1939 and con-

should 2.000 overses at Atlanta or

but has come to mean a terminal facility primarily used by sched-P. Regair Work-New Inniness at comene from repair and recondi-

> one up Essented that airparks be community, adjacent to the murket

> ranways of 1,600 by 300 feet, in

timated cost from \$1,000 to

THE AIR WAR

Strategic Air Operations Assume Global Pattern with B-29 Raids

Huge serial basels ficet is copoble of striking independent and decraive blows for behind bartle lines to broton weakening of

Staff in Wightstine Most sur-

hAir Stratery - The successful

1 500 relies away, from several di-F China and the Air War-Not too

better at a globe) will show the the stant strates of the Navy and cral loss of high explosive bords. More air power for China now will



SUPERFORTRESS COMMANDERS



nose garner-the two last often

INVADER BACK FROM THE WARS

Shough not power to really sman. Thus as a typical crew, details may communications and supply and frequently are trained in both the co-pilet have at least a worksoftent of the D-22, the Laborator + Nave's 11-Man Crew - The has been the arminut long-many PDMY's are expecially modified neurons feel believed to be the ma-Indus thesion and in the Paciform and eacht exhibted men as where repair facilities were lim-

P-47 Wing Shipped Lashed on to C-47

Street arrangement of crew, pro- > Suplaces Damaged Wing-The



The new series of Thursdorbolt piphters and fighter-boustons is chartheir guinery as a highly impor- greatly increased range, and the hubble-campy for fall mushling



Designed to fit

Probably no sights, will ever have occasion peands of payload or 270 miles on hourand do it well. It is preving ther teday? Third in the shouldest recent moves, the

Correspond in oversiday sicher operation. will deliver all the speed that is needed marrier Archer Division Buffulo St. Louis Columbus Laureville.





LOW SIDDLE FOR TOMORROW'S AIR COMMERCE

AVIATION NEWS . June 26, 1946



WHEN CLIFFORD STREAMLINES COOLANT 2/V_A CENSORED RADIATORS FOR NEW AAF FIGHTERS . . .

2. In addition, the prester strength of also

Clifford's discourse of the restined of bree tor aluminum tabes, having very thin walls. 1. Now heavy, surply cooner of contest and

any design change. The resulting weighthelping two famous types of USAAF fighters perform electionally on meny serial bettle

CHIFFORD'S WYDRON" BELLOWS minum under continuous best and pressure now analyse aircraft designers to replace the traditional crimirical radiators by models having a streamlined ellistical emissioning Two of these alliptical models occurabled in "V" shape occupy far less snace than two

worthwhile marries



OIL COOLERS AND COOLANT RADIATORS

Sare 3/3 The Weight .. same size and shape

... INDUSTRY'S FIRST MYDRAULICALLY-FORMED BELLOWS

PERSONNEL



P Brots, assistant cheef of our staff,



there three men. Ralph Jardan, sortue and has been connected with

Vilrade de les Mon (photo) femories



Oberto Stocker Dorman has been vins Bond, S. A. a Mexican prime

apprecial manages of production control and Donald C Drape, Inlies J. D. Gillian and Lieux C. A.



H. C. Vister (photo) has been apsan Mark in a



Robert M. Perlamin has been purped



Housel M. Konisley has been ap-

Tel 5 Planter is directly of person-



I combat planes

der gereral Calonel Bergandus is



truffe menuty for the company of

Paul W. Batter, service representative



DISCUSS CAA PLANS

General W. Repursoud, administra-



The Rolland Aircraft Company is in a position

BALLARD

257455 WASHINGTON, D. C. Please or Archaedele, West Vinalous and Elithert, Johnne

AVIATION NEWS . Jose 26 1944



COMPLETELY VAIVE CIRCUIT

This new Paper-Type Wobbis Plate Pump sover on settment there con by completely eliminating Unloading Valve Circuit It also eliminates the damperson shorts that as produced by the Unlooding Valve. Top performance is as yared in actuating Landing Gear, Turrete Floo Controls, Surface Controls, and Somb Boy Doors, by use of this Variable Volume Ports. This name designed for stanting in go my become beautiess



AT LEURO PUMPS ore constructed for maximum dependshilly and andurance under all conditions of service. Operate matched bearings, coupled with Neroley allow steel block insures long life and

CONFORMS TO ARMY-NAVY PHMP STANDARDS

Precision Built -- Compact, 61/8" long . . . Light Weight, 9 pounds

This Pump also available in Constant Complete information and engiservice available. Write for details

AVIATION NEWS . Aug. 26 1944

Displacement Model.

Efficient - All parts are interchangeable LEUTHESSER BROTH 21 NORTH LOOMIS STREET · CHICAGO 7. ILLINOIS

AIRCRAFT PRODUCTION

B-29 Tests and Output Record As Sensational as Plane Itself

Boeing Within, with single small factory turning out PT-17's. was on heavy production schedule of Superfertresses within two years after construction of hage new plant. By SCOTT HERSHEY

The concurrent experimentation in which to build the B-29. He and production carried on by Boe- didn't have the manpower to staff

after the construction of the sec-

Superfortness at Wickets than soons trear at the same stage of drawlog-

ber under way at Boeing headb Had Saugle Small Plant-At that

On May 13, 1941, J. E. Schaefer. received a Way Department direcscheduled for Feb. 1, 1963

b New Plant Added-Later, Boxones new plant at Borton, Wash The B-29 manufacturing pre-

with Bell Agreeaft, Fisher Body

Martin plant at Omaha, Bell in the bodies and over wing sections . Beeing Shifts to B-12's-As the and the manufacture of Beeing's A B-29 committee in operating





contractors, about 41 percent, as a production control user for

would be menufactured and se- coordinates the procurement of

By Pelevary, 1942, samply a parcy and mannage master room

Scharler faced a transcadess

a niest was built which was to

raise necestly, was to build the

Soif-Sufficient Unit-The post-

rate a completely self-sufficient

AVIATION NEWS . Jane 25, 1964

tee formed in 1941 to guide the

B-29's First Flight Test Made in 1942 Francisconi bom continuel

une's 3-19 Superfortress bember 21, 1942, with the amplions in the

The late Edmund T Allen, Boring director of flight and accody- B-17 and exhaustive tests don'th of Eddie Allen in a subse- the time the first XB-29 was tak-Priest Report Made-After the Part level Street McClaresof F. Hourt Washington "Edds: Allen reports



load of 2,000 pounds and have

In May, 1849, before it was was the drop test. The Army known whether the covernment stipulated that the plane must Labor Big Problem In B.20 Production Major cities convered and

schools set up to train skilled Mappower was not the least of ordered the B-29 Superfertress

States Employment Service, Boo-\$2,488 Espiretry-By the summer

The ourstand engineering person-

In Wichste, one of the steps

odditional 2,000 were released FWerk Work Sovined-The work The worker turnover at Wichen

AVIATION NEWS . June 26, 1944





30 Million Radio

Order to Bendix 900 have been received by the radie division of Bershit Aviation

ranes, a number of planes on New Globe Orders Globe Agrouff Corp has re-

Bell Aircraft Corp has produced more than 10,000 fighter where Currous C-66 Commando trazaport, since war production began in

10.000rb Bell Plane

C-66 project are shaping up

Distributor Heads

Ford Makes Allison

Packaged Control Units Speed Repairs Supply districts of mechanism

minimum lay-ups of warplance,

A read toro of a more 250-realise final trapper torot solarly has been de-) Changover-In the interm and tric centrel after they had come

Plastic distributor beeds for the

Advantages-A further effect of final installation about combat

tude. The head also decreases Canada Curs Costs Production costs in Catadian

Workers were paid \$64,096 in 1941, reclating an undisclosed \$534,535. Maximum radiovinal FINANCIAL

U.S. Urged to Curb Over-Expansion Of Air Transport After War

National City Bank of Cleveland, in study of industry, sees danger in uncontrolled development; doubts complete appeaisal of separate companies can be made at present in view of current conditions and rending legislation.

the analysis itself is the backkeep "abreast of changing conda-

serious. While Cleveland or an

rate. This rate could be medi-

"Second, that a complete upb SedeBubo-Thus reference to leg-

b Outlook-In viewing the fature

Airlines by American Airlines,

offset the extra cost of such porself as commerchangive but suffers . Technical Progress Parter-Con-



DESIGN is IMPORTANT

... build with Timber Structures

The versetility of wood as a coe-

tion of wood. Among other things, From our plants have come such glood lamanaced arches illustrated of the Austin Company, for presect,

Design is one of the elements of

"Franconne in Wood" - a policy of Have you plans on the drawing

board-or in your mind-for fature svistica bousing? If so, we should

like to talk to you shout the economy availability, strongth and permanence

for the saking Please write for 48. ber and allitel structural materials

AVIATION NEWS . June 26, 1864.

A Whitney enone is the heart of

acceptance of sir-irrespeciation in Top \$987,000,000

Luscombe Control

Returned to Owners

\$ Held Controlling interest-Klotz 000 as provision for contingencies. Mexico for \$1.400 to \$1,500 each

Colonial Reports

Douglas 1943 Sales

* Earning -The commune's inof \$957,557,395, uncluding fees acing \$6,000,000 for possible mabili-

The company set ande \$8,000,-

On 1943 Operations

& Dirk Gets A14 666 and insurance C

Trainers to Mexico

advantments, moone before provise at \$68,100 were included in a sale sion for troops and contragencies, of \$350.090 in surplus materials to curiox and excess profits takes. \$7,800 cuch profitsilly, and which traceing plan, had been sold to

TRANSPORT

Soviet Reported in Agreement In Principle on U.S. Air Policy

Russia apparently willing to specify certain toutes over her territory which she will permit friendly nations to use, official sources reveal.

vention to take precedence over which she will permat consecutive

> Pitfalls-There are patfalls betion of a new graftistared air con- curion routes over her territory

be stated that Russia is forecably continuing he said, so preliminary the right of commercial tregat

Kingdom, but she definitely will

de seen ofer seen of leadying

Phon U.S. Ar Foron . Phone

American Plan, the rendered

customs being conducted by this to newsmen that these conferences in L Walch Purps's words, to escountry and for the first time it can are purely exploratory. They are tablish "the right to set there"-These developments most have but not an enforcement agency



This year map, depeting reader new being flown by discrable for II & are current (Assatian News, June

... AT THE FUTURE "PLOESTIS" EVERY and blooded American houses for many more bend-

lines that shout "Mass Raid by American Liberators," Every solid punch these beavyweight facts dree on enemy terrets . . . every fature "Ploceti" . . . is possible only through the courage and skill of the American kids that fly them, and the approxime work of free American craftemen who build them.

With million of other was nucleon, the men and women of CECO look forward to each new record countries new-Company of the latest Liberators and other Associate warplance equipped with CECO curburctors and faci

PROTEK-PLUGS

CHANDLER-EVANS CORPORATION SOUTH OF THE PROPERTY OF THE PROPER

AUTATION NEWS . Jose M. 1944

parage.



Planning for Tomorrow

THE photograph above shows an earlier Kellers

Dunng the war, all available materials and man.

KELLETT

OLDEST POTABLY WING AIRCRAFT MANUFACTURING COMPANY AVIATION NEWS . June 26, 1944

peace, and the economists to focus its sesona-

▶ Beriprocal Obligations - Il is

Airlines Run Behind In Reconversion

made with Douglas to help se- two each to British, Eastern, PCA. score planes removed by Array. By MERLIN MICKEL

Northwest PCA TWA and United than 160,000 man-hours a month k 14 Mary Being School on War

AVIATION NEWS . June 26, 1944

World Hearings The CAB moved ahead on

-Pre-barring September 15,

ica, the Caribbean, and Mex-Arrangements reported being by torned back went to American.

Brazzil 3, Colonial 2, Charago & Southern 2, Delta 1, Eastern 6, doing their own reconversion to Dictionatic Plane-On the same

How It Stands

made that a Douglas C-54 had military and other poversessal

Fastern Seeks Link To So. America

and TWA, and one each to Colo-

Assails Board's Palley-He char-

Cars Dunkerties Moore - He



American Companion of CAPA Segins Works Under Jam. A. M. Burden, Arapid W. Kranth, Stephen cal Community, recently appointed by the Prantical. Clark you weekle to others. The U.S. group is per-

Plane Blackours

Started in April, 1942, in a

U.S. Group Sparks Hemisphere Air Unit Commission undertakes serive

cole so CAPA peorram so unity syntion among American to a number of meetings and worked

Champ Clark (D. Mo), Rep. Al-

full CAPA meeting. CAPA was

which CAPA is interested such as most execut on air low. Dr. Pran-

Members-In addition to Chier- Cary New Pogue Aid

He expects to leave Pegue's office

ATTATION NEWS . July 26, 1964

Four Applications Filed by Western

More aphenes plans for expon-

Steam City, Jawa, and Mankata Minn. Charts filed with this apan extension of the Los Angeles-

India New and Post-war To manufactures of alternit, auto courses, personalized equipment,

at the major air ports in Bods which places them in an oraque possizion to recrease; Air Lines and undertake the maintenance of

THE ASIAN AIR ASSOCIATES

PLANS CALL FOR PRECI-AIDE TO CAA CHIEF

2d Colo Line Gets Intrastate Permit

Saltard Estate, Part, Sonday

DO YOUR

POST-WAR

GHIDE-ROOK CAN HEL

YOU ... SEND FOR IT TODAY



Bank and other references rederitted. Communicate direct tax Warell House, 15 Graham Road

Memphis, St. Louis, Detroit Case Heard

tineer and C & S, with Brusti

American Fasters, TWA and assuration of its present system in Audine attarneys arguing the

long hard more a local surpose size. | | Breedill Objection-Physical streets

Application of TWA for a St

DARNELL CASTERS

WRITE FOR 112 PACE DAILNELL CASTER AND WHEEL MANUAL DARNELL CORP. LTD. LONG REACH & CALIFORNIA N CUNTON CHCAGO 6 M HELICOPTER PROJECT ENGINEER No holosotte resources assaired but

merecalal perject management of Auto-Nava alarines traceds and

ON, 2: Smiller for addition in the Oats 220 W 42nd St., New York 16, N. T. Get, 20. Date for exchange of solution on \$350s in the Oklahome Topos case.

exceptions for a St. Louis-Cleve- certificated between St. Louis and Karasa Criv. perallelant TWA Attacked by YWA - This draw heavy fire from TWA's commend

ATA Closes or N. V.

June 21. Protecting analysis carriers as classifies for grapmed air nevice 31 to 2010 Carlot Exten before Exemptor I Scott Satur.

New 10 Territory deadles for rabids 1 oppositions of Alexan Addison and Wood

July 16, Dair for evolutings of cutshess in the

July 11. hypothe due to the Harman uner Aug. L. Merica in the West door care by Now Ambigue Chief Examene Francis W. Avera and Examiner P. Maryel Eables. Devices for splitts in prepared as orthogon of sealed of Assertio Seasoff by Small? Acres

Aug. 25. Edition solden due in the Early Minister, oar And It Openha do made in the car-

dept. S. English date for Rooty Mountain Sept. St. Tentaline bearing this for Round Agreemy proposal, empirities of acases in Aerocan around

feet, II. Tentailer having date for Was Const-to-Spread case part colors for merrianed one with through towards all place secretary dealy in call made through the secretary and the co-

AVIATION NEWS . June 76, 1944

"Feeders" Must Pay Own Way-Burden

financial help from the govern-

a Auley Port Development As a

Airmail Profit marteness mare than \$35,000 .. Concern with freel wirthers "The hardest kind of work" by 990 poufit vs 1945.

potential from of small towers. Att

The Brand arthropol Material Arthres in start service at West Palm Seath, Fir., on AM 11 Builting Stant in begin service Jets.

Feeder Men to Open Washington Office Plans for a Washington bend-

pytoident of Southear, Jac

Non-Profit Group-The associa-District of Columbia as a non-

Findantial Membership-in orbition to action remains accoming

ment. The response of manufacthimsate They hope it will meed



the R. S. V. S. en of the lot of

In fact, one of the vestifications

Commendable Speed

its chief examiner. Edward Leagure, the Civil. China is considering the operation of at least two Agronautics Board follows up its pledge to act on surings abroad The dates were set only nine days after the board's in Washinston was mixed. There was some surextraordinary press conference. The first pre- prize that the Americans had besten the British

tions will be revised and additional strikes may general agreement. Representatives of Latin-

neared favorable except for Pan American Air- proved.

meet connection with other chosen instrument. ments, as well as the Aviation Subcommittee of countries Further, it was learned that demands the Senate Commerce Committee.

open in less than five weeks, which will push acr- among some diplomatic groups that Britain would line staffs to the limit wise many present amiliantals take the lead, with the U.S. following along in Meanwhile, reaction among all of the nation's netions were more critical. Greece, which long

wars, class supporter of the single chosen instrua weak snot as the route also surprested by the Informed airline executives were encouraged. Board as desirable for U.S. air corners found their also by a report that Russia will engage in post- search complicated since in addition to White war international fiving through a series of re- House services, the route outline had the angonal companies, operated on an individual basis proval of the Treasury Department as to customs. One of the main accuments here for a chosen to- Justice as to immuration, the Army and Navy strument has been that it would be necessary to high commends, the State and Commerce Depart-

Harding Appointment

proper arronnessor of William Barelay Harding knows Washington and worked closely and suras director of the Aviation Division of the Sur- cessfully for years with W. L. Clayton, present ons War Property Administration will be an- Surplus War Property Administrator, and with proved by the aircraft industry and the airlines. William A. M. Burden, now assistant Secretary of His services experience in investment hanking. Commerce, both key officials in the innormal this vital government policy-making post. He future

Dangerous Pilots

curb reckless from on Federal airways is lines than the AAF would concrete Several ac-In the first action of the kind, the Third Air makans and narrow escapes were not. Arrive perat hard labor. In Washington the AAF announced

eidents to transports were stall published. Other sulitary fivers were to be allowed to continue enderro merial indestrication courses in civil air crews. The AAF's carmairn, now that it has been





Power-factor correction pays

... now and postwor

caspent sevengs to power costs

well as power-factor for Buffala war plant A Buffalo war plant was fixed with the problem of providing added system camerity with least possible had a problem of extremely poor voltage regulation. due to a recent changeover from 25 to 60-cycle power Capacitors solved both problems. A total capacity

of 3400 keys was installed, effectually correcting both conditions. It was found that during periods of light loads, excessive volture rases would occur on some of this problem by providing voltage commiled suto. matic switching of the expection. When voltage is

Automotic control corrects voltage swises as

to now held to a minimum variation, reservings of lowl conditions

CAPACITORS

AVIATION NEWS . June 26, 1944

traffic remilations



Heart of a Thunderbolt

HERE, a mechanic in a Republic Aviation Corporation plant makes an adjustment on the new General Electric high-altitude, high-tension magneto installed on a Thunderbolt (P-47). Two of these magnetos, together with an ignition-shielding assembly, make up this particular G-E system which represents a departure from previous conventional design.

Built for reliable operation at a tiltudes up to eight miles above sea level—

Built for reliable operation at altitudes up to eight miles above sea level without supercharging—this system is virtually the "heart" of the P.47's powerful 2000-hp Pratt and Whitney Aircraft engine. The many developmental facilities of the General Electric Company have made possible this and other G-E engineered systems, such as the automatic pilot and turret-control, and hundreds of devices ranging in size from the tiny G-E Switchette to the turbosupercharger. General Electric engineering service is available at all times to meet the needs of the aircraft industry. General Electric Co., Schenectady S, N. Y.



Buy all the BONDS you can-

and keep all you buy

GENERAL ELECTRIC